

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

03/10/00  
  
JC662 U.S. PTO

10685 U.S. PTO  
09/523647  
  
03/10/00

Applicant: Andrew D. MURDIN et al.

Title: CHLAMYDIA ANTIGENS AND  
CORRESPONDING DNA  
FRAGMENTS AND USES  
THEREOF

Appl. No.: Unassigned

Filing Date: March 10, 2000

Examiner: Unassigned

Art Unit: Unassigned

**UTILITY PATENT APPLICATION**  
**TRANSMITTAL**

Assistant Commissioner for Patents  
Box PATENT APPLICATION  
Washington, D.C. 20231

Sir:

Transmitted herewith for filing under 37 C.F.R. § 1.53(b) is the nonprovisional utility patent application of:

Andrew D. MURDIN  
Raymond P. OOMEN  
Joe WANG  
Pamela DUNN

Enclosed are:

- Specification, Claim(s), and Abstract (58 pages).
- Formal drawings (9 sheets, Figures 1-4).
- Unexecuted Declaration and Power of Attorney (4 pages).
- Copies of Sequence Listing (6 pgs.).

The filing fee is calculated below:

	Claims as Filed	Included in Basic Fee	Extra Claims	Rate	Fee Totals
Basic Fee				\$690.00	\$690.00
Total Claims:	37	20	17	x \$18.00	\$306.00
Independents:	8	3	5	x \$78.00	\$390.00
If any Multiple Dependent Claim(s) present:				+ \$260.00	\$0.00
				SUBTOTAL:	\$1386.00
<input checked="" type="checkbox"/> Small Entity Fees Apply (subtract 1/2 of above):					\$0.00
				Surcharge Under 37 C.F.R. § 1.16(e):	\$130.00
				TOTAL FILING FEE:	\$1,516.00

The required filing fees are not enclosed but will be submitted in response to the Notice to File Missing Parts of Application.

The Assistant Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Assistant Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Please direct all correspondence to the undersigned attorney or agent at the address indicated below.

Respectfully submitted,

By 

Date March 10, 2000

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